

In the claims:

Claims 1-79 cancelled.

80. (currently amended) A system for training a golf player, comprising a putter having a handle; a head; means providing a serial number; interior sensing means incorporated in said putter and selected from the group consisting of interior acceleration measuring means, deceleration measuring means, putter path measuring means, rotation measuring means, lie angle measuring means, a loft angle measuring means, and combinations thereof for measuring swing data of a swing carried out by a golf player; means for forming a data set including the measured swing data of each swing and the serial number; interior means for transmitting the data set including the measured the swing data of ~~the~~each swing carried out by the golf player measured by said measuring means and ~~also transmitting the serial number with each swing data of the swing carried out by the golf player and incorporated in said putter~~; computing means for receiving and processing of the data set including the measured the swing data of ~~the~~each swing carried out by the golf player and ~~also the serial number to identify the swing data of the~~each swing carried out by the golf player; and display means for displaying the

swing data of the swing carried out by the golf player and also the serial number to identify the swing data of the swing carried out by the golf player so that a golf player can identify the swing data of each his swing and therefore analyze his performance and to correct ~~the golf player's~~ his swing based on the swing data of each his swing in the displayed data set including the swing data of each swing and the serial number to play golf.

81. (previously presented) A system as defined in claim 80, wherein said computing means is configured for processing the received swing data in comparison with data stored in the computing means.

82. (currently amended) A method of training a golf player, comprising the steps of providing a putter having a handle, a serial number, a head, and interior sensing means incorporated in said putter and selected from the group consisting of acceleration measuring means, deceleration measuring means, putter path measuring means, rotation measuring means, lie angle measuring means, loft angle measuring means, and combinations thereof and incorporated in said putter; carrying out a swing by a golf player; measuring swing data of the swing carried out by the golf player by the interior measuring means; forming a data set including the measured swing data of each swing and the serial number

transmitting the data set including the swing data measured by interior transmitting means and ~~also transmitting~~ the serial number with each swing data to identify ~~the~~each swing data of the swing carried out by the golf player and incorporated in said putter; receiving the data set including the swing data of the swing carried out by the golf player with the serial number that identifies the swing data and processing the transmitted the data set including the swing data by computing means; and displaying the processed the data set including the swing data of the swing carried out by the golf player ~~together~~ with the serial number that identifies the swing data of each swing carried out by the golf player on a display so that the golf player can identify the swing data of each his swing and therefore analyze his performance and to correct ~~the golf player's~~his swing based on the swing data of each his swing in the displayed data set including the swing data of each swing and the serial number to play golf.

83. (previously presented) A method as defined in claim 82, wherein said computing includes processing the received swing data in comparison with data stored in the computing means.

84. (currently amended) A putter for training a golf player, comprising a handle; a head; a serial number; interior sensing means for

sensing parameters selected from the group consisting of acceleration measuring means, deceleration measuring means, putter path measuring means, rotation measuring means, lie angle measuring means, loft angle measuring means, and combinations thereof for measuring swing data of a swing carried out by a golf player; means for forming a data set including the measured swing data of each swing and the serial number; and interior means for transmitting the data set including the swing data of the swing carried out by the golf player sensed by said sensing means and ~~also transmitting~~ the serial number with each swing data to identify the swing data of the swing carried out by the golf player for displaying the transmitted the data set including the swing data of a swing carried out by a golf player and the serial number to identify the swing data of ~~the~~each swing carried out by the golf player on the display to analyze his performance and to correct his swing based on the swing data of each his swing in the displayed data set including the swing data of each swing and the serial number to play golf.

85. (currently amended) A method as defined in claim 82; and further comprising determining a ball speed and a ball travel distance; and using them for training a golf player to play golf.

86. (new) A system as defined in claim 80, wherein said means for forming a data set is configured so that they form a data set including the measured swing data of each swing, the serial number, and a specification of the putter.

87. (new) A system as defined in claim 82, wherein said forming a data set includes forming such a data set which includes the measured swing data of each swing, the serial number, and a specification of the putter.

88. (new) A putter as defined in claim 84, wherein said means for forming a data set is configured so that they form a data set including the measured swing data of each swing, the serial number, and a specification of the putter.